P. dentatus tagged
F4283-4303

237D

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2370	032	01	16	74	28AG	3544	7529

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0007	08	—	10	017	N	W	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1		SA	S	FT	151	—	09	10

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00190	0005	—	00005

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	35° 44'	75° 29'	1336	2958	7		0844	0845
FINISH	35° 44'	75° 29'	1339	2961	5		PU 0855	ON 0858

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
50		50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded on Simrad and Ross

OBSERVATIONS

Sign of Hickory shad and blueback

21 P dentatus Tagged and released

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2370 DATE JAN 16 1974 IDENTIFIED BY BFH, ABP

TOTAL CATCH WT. 200# SUBSAMPLE WT. — NO. BASKETS —

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Trichiurus lepturus (JUV)	Hung in webbing		
Ovalipes sp.			
Anchoa hepsetus A. mitchelli	Great abundance		
Cynoscion nebulosis	1	2#	
Cynoscion regalis	59	175#	Length-freq.
Length-freq. data on raw data sheet			
Paralichthys dentatus	21		Tagged all
Peprilus triacanthus			
Alosa aestivalis	16		Kept all for analysis
Urophycis regius			
Brevoortia tyrannus			
Limulus polyphemus			
Pronotus evolans			
Lagodon rhomboides			
Menticirrhus saxatilis			
Squid			
Alosa mediocris	2		Kept for analysis

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2370

Date 1 - 16 - 74

Area of Release 3H6 1223-1204 3 miles offshore between Ocracoke + Hatteras Inlets 3H9 3H5

LORAN Start 1336 2958 7 Fms

Finish 1339 2961 5 Fms

Tot. Fish Captured 21

Tot. Fish Tagged 21

No. Retained for analysis 0

Gear Type Wing Net 151

Area III

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F4283			185	P. dentatus	
F4284			343	"	
F4285			165	"	
F4286			185	"	
F4287			204	"	
F4288			204	"	
F4289			192	"	
F4290			193	"	
F4291			215	"	
F4292			237	"	
F4293			211	"	
F4294			236	"	
F4295			232	"	
F4296			259	"	
F4297			192	"	
F4298			222	"	
F4299			218	"	
F4300			211	"	
F4301			226	"	
F4302			211	"	
F4303			192	"	

Length-frequency distribution

Species: Cynoscion regalis — Station: 2370

Date: January 16, 1974 — Locality:

F.L.	Unsexed.	
100 - 109		
110 -		
120 -		
130 -		
140 -		
150 -		
160 -		
170 -		
180 -		
190 -		
200 -		
210 -		
220 -		
230 -		
240 -		
250 -		
260 -		
270 -		
280 -		
290 -		
300 -	II	(2)
310 -	++++ I	(6)
320 -	++++ ++++	(10)
330 -	++++ +++ III	(13)
340 -	++++ +++ +++	(15)
350 -	++++ III	(8)
360 -	IIII	(4)
370 -		
380 -	I	(1)
390 -		
400 -		
410 -		
420 -		
430 -		
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		
590 -		

F.L.	
600 -	
610 -	
620 -	
630 -	
640 -	
650 -	
660 -	
670 -	
680 -	
690 -	
700 -	
710 -	
720 -	
730 -	
740 -	
750 -	

N = 59

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Length-frequency distribution

Species: Cynoscion regalis — Station: 2370

Date: January 16, 1974 — Locality:

T.L.	Unsexed.		T.L.
100-109			600
110			610
120			620
130			630
140			640
150			650
160			660
170			670
180			680
190			690
200			700
210			710
220			720
230			730
240			740
250			750
260			
270			
280			N = 59
290	II	(2)	
300	𝍸 I	(6)	
310	𝍸 𝍸	(10)	
320	𝍸 𝍸 III	(13)	
330	𝍸 𝍸 𝍸	(15)	
340	𝍸 III	(8)	
350	IIII	(4)	
360			
370	I	(1)	
380			
390			
400			
410			
420			
430			
440			
450			
460			
470			
480			
490			
500			
510			
520			
530			
540			
550			
560			
570			
580			
590			

Sheet 1 of —

R/V DAN MOORE SPECIES LIST

STATION NUMBER [illegible] DATE [illegible] 19[illegible] IDENTIFIED BY ______

TOTAL CATCH WT. 200# SUBSAMPLE WT. ______ NO. BASKETS ______

Air 10°C - Surf: 8°C

SPECIES	NUMBER	WEIGHT	DATE TAKEN*
Cutlassfish (juv.)	Hung in webbing		
Crabs. (Ovalipes)			
Anchoa (2 species ?)	Great abundance		
Cynoscion nebulosus	1	2#	
Cynoscion regalis	abundant	175#	
[illegible]	2'		
[illegible]			
[illegible] (Kept)			
[illegible]			
[illegible] ?			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			

*Include type of data taken, i.e length,weight,scales,gonads,saved for identification,etc.

336	310	352	341
304	334	362	342
345	314	347	380
329	338	352	348
311	317	321	363
327	348	345	341
306	342	342	358
328	334	335	362
348	329	317	330
342	325	359	
320	333	311	
		342	

Blueback Herring

STATION	DATE	Fork Length (mm)	WEIGHT (g)	SEX	SCALES	Age	SPAWNING MARKS	STAGE	BB #
2370	1-16-74	70	4	–	–	–	–	–	1
do.	"	72	4	"	–	–	–	–	2
do.	"	71	4	"	–	–	–	–	3
do.	"	100	8	–	–	–	–	–	4
do.	"	170	54	♀	–	–	–	Imm.	5
do.	"	160	46	♂	–	–	–		6
do.	"	147	38	"	✓	2A=2	0	–	7
do	"	157	40	♀	–	–	–	Imm.	8
do.	"	73	4	"	–	–	–	–	9
do.	"	69	4	"	–	–	–	–	10
do.	"	70	4	"	–	–	–	–	11
do.	"	177	65	♂	–	–	–		12
do.	"	148	38	♂	✓	2A=2	0		13
do.	"	93	8	"	✓	1A=1	0	–	14
do.	"	69	4	"	–	–	–	–	15
do. 16	"	69	4	"	–	–	–	–	16
2368	1-15-74	238	180	♀	–	–	–	III	17
do.	"	224	137	♂	–	–	–		18
do.	"	243	184	♂	–	–	–		19
do.	"	255	223	♀	–	–	–	III	20
2392	2-7-74	238	—	♀	—	—	—	II	21
2395	2-7-74	263	—	♀	—	—	—	III	22
2396	2-7-74	170	—	♂	—	—	—	—	23
"	"	159	—	♀	—	—	—	I	24
"	"	180	—	♂	—	—	—	—	25
"	"	162	—	♀	—	—	—	—	26
"	"	155	—	♂	—	—	—	—	27
2397	2-12-74	223	168	♂	✓	4A+1S=5	1	–	28
do.	"	234	188	♂	✓	5A=5		–	29
do.	"	243	202	♂	✓	4A-2S+=7	2	–	30
do.	"	247	186	♂	✓	3A+3S+=7	3	–	31
do.	"	222	152	♀	–	—	—	III	32
do.	"	235	172	♂	–	–	–	–	33
do.	"	233	180	♀	–	–	–	III	34
do.	"	244	156	♀	–	–	–	III	35
do.	"	240	204	♀	✓	4A+3S+=8	3	III	36
do.	"	253	218	♀	✓	5A+1S+=7	1	III	37
do.	"	242	194	♀	✓	4A+2S+=7	2	II	38
do.	"	233	180	♂	–	–	–	–	39
do.	"	245	200	♂	–	–	–	–	40
do.	"	228	160	♂	–	–	–	–	41
do.	"	235	184	♂	–	–	–	–	42
do.	"	–	–	♂	✓	3A+=4	0	–	43
do.	"	216	134	♀	✓ ?	4A+2S+=7	2	II	44
do.	"	233	190	♀	–	–	–	II	45
do.	"	227	150	♂	–	–	–	–	46
do	"	242	190	♂	–	–	–	–	47
do.	"	258	258	♀	✓	4A-2S+=7	2	III	48
do.	"	250	246	♀	✓	5A-1S+=7	0	III	49
do.	"	230	190	♂	–	–	–	–	50

Hickory Shad

STATION	DATE	Fork LENGTH (mm)	WEIGHT (g)	SEX	SCALES	AGE	SPAWNING MARKS	STAGE	H. Shad #
2365	1-10-74	347	—	♀	✓	3A-1St=5	1	II	1
2369	1-15-74	337	640	♂	✓	3A-2St=6	2	III	2
do.	"	297	424	♀	—	—	—	II	3
do.	"	342	639	♀	✓	unreadable	—	II	4
do.	"	389	916	♀	✓	4A-2St=7	2	III	5
do.	"	285	370	♀	—	—	—	II	6
do.	"	357	770	♂	—	—	—	III	7
do.	"	410	1270	♀	✓	3A-2St=6	2	III	8
do.	"	346	642	♂	✓	unreadable	—	III	9
do.	9/3106	343	666	♂	✓	3A-3St=7	3	III	10
2370	1-16-74	361	824	♀	✓	3A-2St=6	2	III	11
do.	"	337	645	♂	✓	2A-2St=5	2	III	12
		21/698							
2468	4/11/74	338	452	♂	✓	3A-2St=6	2	-	13
"	"	198	100	♀	✓	2A+=3	0	Imm.	14
"	"	210	110	♀	✓	2A+=3	0	Imm.	15
"	"	189	78	♀	✓	2A+=3	0	Imm.	16
		4/935							